G-SHS063 Pro

Technical specifications

Operating mode:
By operating the hand lever on the upper assembly (1), the crossway bolt is displaced radially. The crossway bolt is pressed into the bore of the lower assembly (2).

Advantages:
Withstands high loads with low dead weight
Intuitive operation
Can be released and closed with one handle
High repeat accuracy +/- 0.02 mm
Holds up to 5,000 changing cycles
Optional connection of an energy feed-through for electrical and pneumatic ducts
With 6 radial pneumatic ducts
Interface according to DIN EN ISO 9409-1-50-4-M6

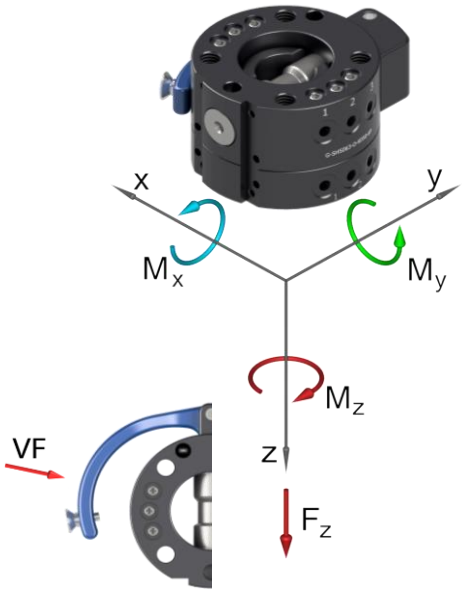
1

2

Technical specifications		SHS063 Pro
Basic material		Al. anod.
External diameter x height [mm]		63 x 42,5
Pitch circle diameter [mm]		50
Repeat accuracy +/- [mm]		0,02
Tension Fz [N]		900
Compression -Fz [kN]		135
Torsion Mz [Nm]		80
Bending Mx, My [Nm]		75
Mass [kg]	upper assembly	0,25
	lower assembly	0,12
Recommended load [kg]		18* / 24**
Locking force VF [N]		4 - 50
Locking stroke VH [mm]		0 - 1
Pneumatic ducts	connection	6 x M5
	max. pressure p [bar	-1 to 8
Operating temperature range [°C]		-30 to +120

* This guideline applies to the following assumptions:
Acceleration: **10 m/s²**, gravity distance: **100 mm**, double safety

** This guideline applies to the following assumptions:
Acceleration: **5 m/s²**, gravity distance: **100 mm**, double safety



Pos.	Description
1	Upper assembly
2	Crossway bolt (CB)
3	Hand lever
4	Holder
5	Strap pin (SP)
6	Spring locking pin
7	Guiding screw
8	Grub screw
9	Cylinder bolt SP
10	Cylinder bolt CB
11	Shim ring
12	Lower assembly

SHS063 Pro Connector, drilled acc. to ISO…	
G-SHS063-O-K050-6P	upper assembly, E-Mount, 6 pneum. ducts, Al, anodized
G-SHS063-U-A050	lower assembly, E-Mount, 6 pneum. ducts, Al, anodized
G-SHS063-U-A050-M6	lower a., E-Mount, 6 pneum. ducts, Al, anodized, M6 inserts